

# Today's goals....

- *To describe classification*
- *To define classification*

## *Table of Contents Log*

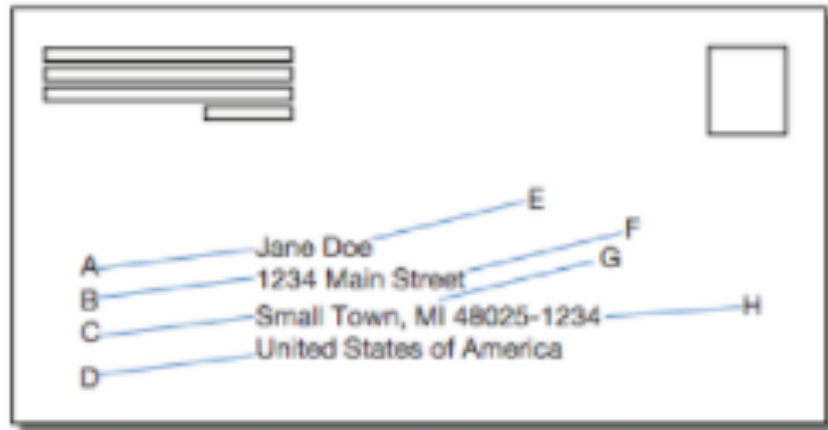
<u>Date</u>	<u>Topic</u>	<u>Page</u>
<b>11/13</b>	<b><i>Classification 1: Intro to Classification</i></b>	<b>7</b>

Mini Quiz: Daily  
Topic Quiz: Friday  
Unit Exam: 11/22

## Bell Work Topic: Classification

*How are organisms grouped, sorted, and classified?*

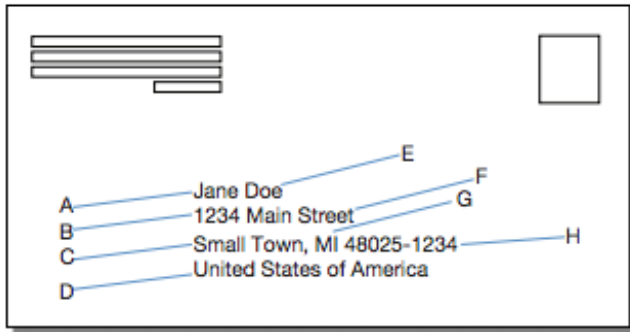
*Why?* From the time we begin to talk, we start to name things. We like to see how things are related. It is natural then, that biologists would name and organism into a classification system.



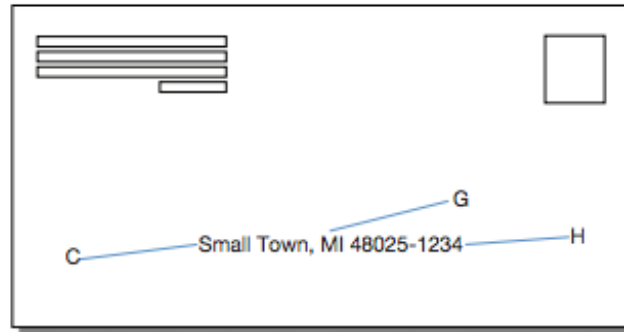
**Addressed Envelope 1**



**Addressed Envelope 2**



**Addressed Envelope 1**



**Addressed Envelope 2**

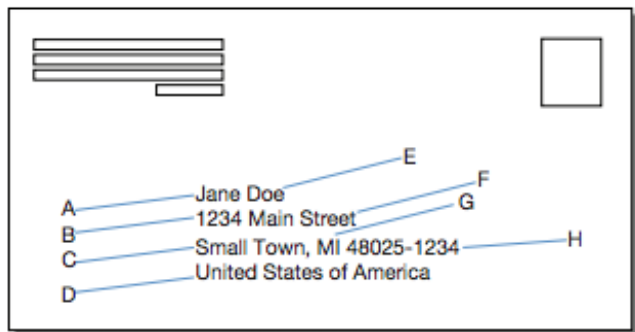
1. According to the envelopes above, who is supposed to receive the letter?

Jane Doe

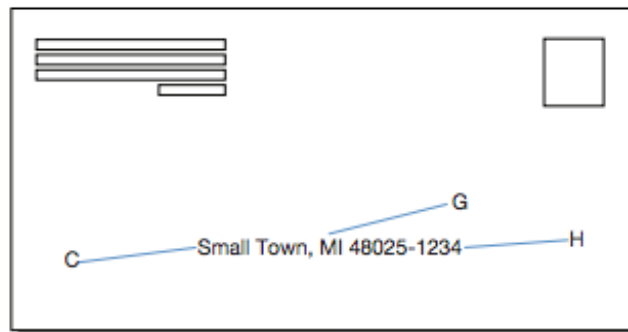
2. Decide with your partner which of the two letters will be more successful at reaching its destination. *Justify* your choice.

3. In Addressed Envelope 1, which four letters (A-H) correspond to the most specific part of the address?





**Addressed Envelope 1**



**Addressed Envelope 2**

4. In Addressed Envelope 1, which four letters (A-H) correspond to the most general part of the address?

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5. In recent years, the United States Post Office has introduced a zip code plus 4 (H). Thinking about what you have just learned about address, why would this additional information be added to address labels?

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# Topic: Classification

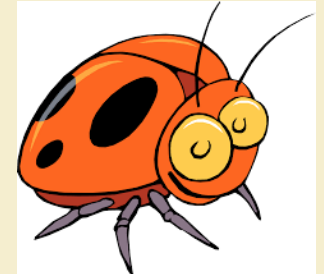
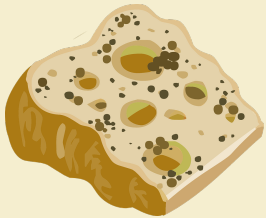
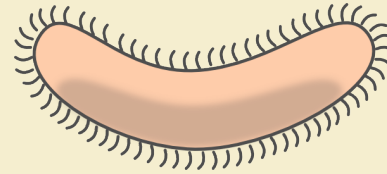


# Topic: Classification=Taxonomy

## I: Definition

- The science of naming and classifying organisms based on **STRUCTURAL SIMILARITIES** and **EVOLUTIONARY RELATIONSHIPS**

# 5 Kingdoms



Animals

Plants

Fungi

Protists

Monera



WHAT HAVE  
YOU LEARNED?

What's your  
favorite thing  
about  
Thanksgiving?





# What Pie Did Ms.Umile Eat?!!



### III. Dichotomous Key

*Definition:*

*A tool that allows the user to determine the identity of items based on characteristic and traits.*



**A**



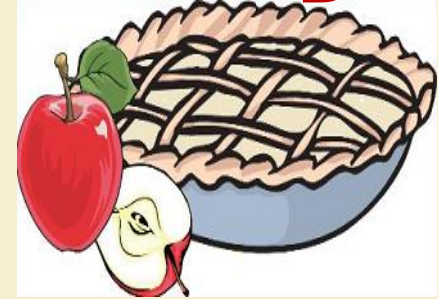
**B**



**C**



**D**



**ALWAYS START AT 1**

1a. She ate just a slice .....Go to 2

1b. She ate an entire pie .....Go to 3

2a. It an orange color.....Pumpkin Pie Slice

2b. It was a brownish color.....Pecan Pie Slice


3a. There was whipped cream on top.....Chocolate Pie

3c. There was no whipped cream on top.....Apple Pie

# Lab Goals....

- *To be able to properly use a **dichotomous key** and identify the flavor of Jelly Belly jelly beans based on their physical appearance (color).*



<b>Draw a picture of your Jelly Bean (Observe)</b>	<b>What kind do you think it is? <i>(Predict)</i></b>	<b>Key Route (Determine)</b>	<b>Which flavor did the key show? <i>(Analyze)</i></b>	<b>Did you follow the key correctly? <i>(Conclude)</i></b>
	<b>Peach</b>	<b>1a;2b;4a;8a; 9a</b>	<b>Orange Juice</b>	<b>Yes</b>

